

DC Gear Motor Series

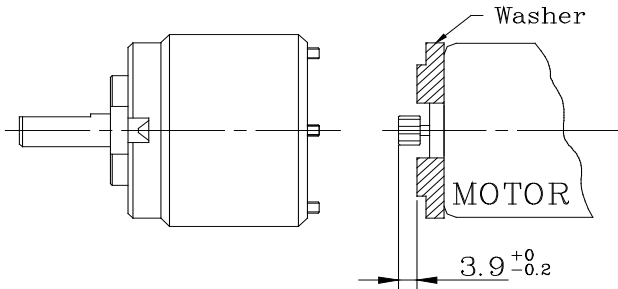


Gearbox with Ball/Sleeve Bearings

EP32P

Operating Relative Humidity: 20%~85%RH
 Operating Temperature Range: -10°C~+60°C

MOTOR INSTALLATION



SPECIFICATIONS

| Reduction Ratio | Exact Reduction Ratio | Related Torque | Max Momentary Torque | Efficiency | Radial Play of Shaft | | Thrust Play of Shaft | | L | Module | No. of Teeth | Pressure Angle | Hole Diameter |
|-----------------|---------------------------|----------------|----------------------|------------|----------------------|---------------|----------------------|---------------|------|--------|--------------|----------------|--------------------------|
| | | | | | Sleeve Bearings | Ball Bearings | Sleeve Bearings | Ball Bearings | | | | | |
| 1/4, 1/5 | 3 12/17, 5 2/11 | 2.0kgf-cm Max | 6.0 kgf-cm | 80% | ≤0.05mm | ≤0.04mm | ≤0.3mm | ≤0.3mm | 17.6 | 0.5 | 11 | 20° | 2.28, 2.48 2.98, 3.16 |
| 1/14, 1/19 | 13 212/289, 19 38/187 | 4.0kgf-cm Max | 12.0 kgf-cm | 70% | ≤0.05mm | ≤0.04mm | ≤0.3mm | ≤0.3mm | 24.0 | 0.5 | 17, 11 | 20° | |
| 1/27 | 26 103/121 | 6.0kgf-cm Max | 18.0 kgf-cm | 70% | ≤0.05mm | ≤0.04mm | ≤0.3mm | ≤0.3mm | 24.0 | 0.5 | 11 | 20° | |
| 1/51, 1/71 | 50 4397/4913, 71 524/3179 | 8.0kgf-cm Max | 24.0 kgf-cm | 60% | ≤0.05mm | ≤0.04mm | ≤0.3mm | ≤0.3mm | 30.4 | 0.5 | 17, 11 | 20° | |
| 1/100 | 99 1044/2057 | 10.0kgf-cm Max | 30.0 kgf-cm | 60% | ≤0.05mm | ≤0.04mm | ≤0.3mm | ≤0.3mm | 30.4 | 0.5 | 11 | 20° | |
| 1/139 | 139 184/1331 | 10.0kgf-cm Max | 30.0 kgf-cm | 60% | ≤0.05mm | ≤0.04mm | ≤0.3mm | ≤0.3mm | 30.4 | 0.5 | 11 | 20° | |
| 1/189 | 188 51013/83521 | 12.0kgf-cm Max | 36.0 kgf-cm | 50% | ≤0.05mm | ≤0.04mm | ≤0.3mm | ≤0.3mm | 36.8 | 0.5 | 17 | 20° | |
| 1/264 | 263 39370/54043 | 12.0kgf-cm Max | 36.0 kgf-cm | 50% | ≤0.05mm | ≤0.04mm | ≤0.3mm | ≤0.3mm | 36.8 | 0.5 | 11 | 20° | |
| 1/516 | 515 14254/22627 | 12.0kgf-cm Max | 36.0 kgf-cm | 50% | ≤0.05mm | ≤0.04mm | ≤0.3mm | ≤0.3mm | 36.8 | 0.5 | 11 | 20° | |
| 1/712 | 720 14481/14641 | 12.0kgf-cm Max | 36.0 kgf-cm | 50% | ≤0.05mm | ≤0.04mm | ≤0.3mm | ≤0.3mm | 36.8 | 0.5 | 11 | 20° | |

DRAWING

